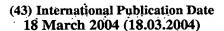
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(54) Title: METHOD OF PRODUCING COMB OR STAR COPOLYMERS USING EPOXY-FUNCTIONALIZED NITROX-**YLETHERS**

(57) Abstract: The present invention provides a method of attaching a polymeric side chain differing in polarity and chemical structure from the backbone and forming a comb or star copolymer structure. In particular the process provides a method of polymerizing in a first step a polymer back bone from epoxy group containing monomers and in a second step polymerizing under controlled radical conditions a comb or star structure onto this back bone.

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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Patent family members are listed in annex.
 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
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INTERNATIONAL SEARCH REPORT

PCT/EP 03/09410

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